



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBW109-3101-58-2-7
Job Sheet 170552



Done
27
74

Part No: RBW109-3101-58-2-7

Job Qty: 6 ea

Part Name: Handle



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/17/18

Job Tracking No:

Due Date: 1/31/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG RBW109-3101-58-2 Rev 3 TEO17-641 IPP Rev A 17.12.12 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	6 Ea		1/16/18	0.00	0.00	Start Up Machining-4		SL 18-1-27
120	Mori Seiki	6 pcs		1/17/18	0.00	0.60	MORI SL-154		SL
130	QC	6 pcs		1/17/18	0.00	0.00	QC2 Machining-4		SL
140	QC	6 pcs		1/17/18	0.00	0.00	QC8 Machining-5		SL 18-1-28
145	QC	6 pcs		1/17/18	0.00	0.00	QC5		38
150	Outsource	6 pcs		1/30/18			ATG001-VC	Outsource 40	AT 18/2/11
160	Packaging	6 pcs		1/30/18	0.00	0.00	Packaging2		AT 18/2/11
170	QC	6 pcs		1/30/18	0.00	0.00	QC6		38
180	Small Fab	6 pcs		1/31/18	0.00	1.20	Small Fab-9		MLC 38
190	QC	6 pcs		1/31/18	0.00	0.00	QC5		DAS 38
200	Packaging	6 pcs		1/31/18	0.00	0.00	Packaging3-2	GA SL	FEB 27 2018
210	QC21-SA	6 Ea		1/31/18	0.00	0.00	QC21		DAS 21 FEB 7 2018

Part Op 90 - See engineering for anodize deviation, was clear now is blue.

Descriptions: 120 - 1-Machine as per folio FB700 FOLIO REV: _____ DWG REV: _____ 2-Debur

150 - Issue P/O to ATG: 038921 -ANODIZE COLOR BLUE, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Certificate of Conformity is required

180 - Laser engrave T/N

DP 10 038921
JAN 31 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6R0.375	6061-T6 Round Bar .375"	2.2500 ft (.375 ea)	90-Start up Operation	

SC21843

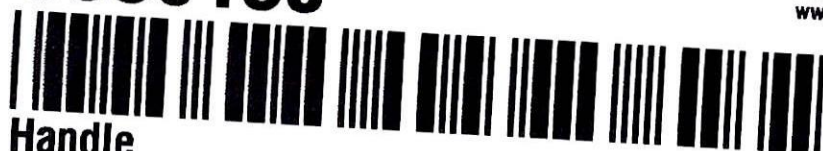
3.82.46

Part Specifications

Specifications could not be found.



S036130



Handle

Dart Aerospace Ltd.

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA

TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

PART NO: RBW109-3101-58-2-7

Original Serial #: S036130

Revision:

Operation:

Change No:

Start up Operation 01/27/18

Job No: 170552

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

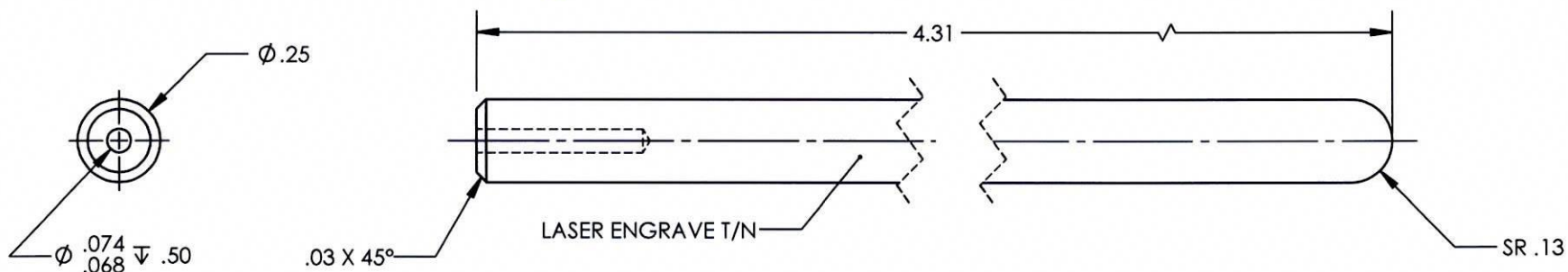
Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐	OTHER : _____							

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0246	-7 CH'D DIM WAS $\phi .24$ IS $\phi .25$; CH'D FINISH WAS GRAY ANODIZE IS CLEAR ANODIZE; ADDED S/N, "MADE IN USA" TO NOTE.	12/2/2016	SM	JAG
3	17-0052	-7 CH'D NOTE WAS LASER ENGRAVE T/N, S/N, "MADE IN USA" IS LASER ENGRAVE T/N.	2/20/2017	RJC	JAG

TEO ATTACHED

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 170552 M-C
18-0117



⑦
HANDLE

DART AEROSPACE	
TITLE HAMMER, ALUMINUM, BLADE CORROSION AND VOIDS DETECTION	
DWG NO. RBW109-3101-58-2-7	REV 3
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH CLEAR ANODIZE	.XX ± .01 ANGLES ± 5°
SPEC MIL-A-8625F, TYPE II, CLASS I	.X ± .1 SURFACES = 125/✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AW109/AW119
SCALE 2:1	DATE 3/12/2015 SHEET 5 OF 5

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐								
		OTHER : _____							



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PURCHASE ORDER

PO038921

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
			Hard Anodize, Color Black and Prime as per Dwg 646.9900 rev. N/C							
25	170550	RBW109-3101-58-2-3	Hammer Head -Issue P/O to ATG: _____ -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Certificate of Conformity is required	Firmed	2/9/18	7 pcs	0 pcs	7 pcs	\$3.47/pcs	\$24.29
26	170552	RBW109-3101-58-2-7	Handle -Issue P/O to ATG: _____ -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Certificate of Conformity is required	Firmed	2/9/18	6 pcs	0 pcs	6 pcs	\$3.47/pcs	\$20.82
27	170380	RBW109-3101-58-2-7	Handle -Issue P/O to ATG: _____ -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Certificate of Conformity is required	Firmed	2/9/18	8 pcs	0 pcs	8 pcs	\$3.47/pcs	\$27.76
Grand Total:									\$2,777.02	

DAS
38
9-88

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914607

Date: 09-Feb-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
1 ea	Part: RBH9928-12-5 Clamp Anodize per MIL-A-8625F, Type II, Class 2, Red, .0004-.0010" (.4 - 1 mils). Water Sealant Job: 22476		Rev: C PO: PO038921 Line: 16
20 ea	Part: RBT102103-3 Adapter Anodize per MIL-A-8625F, Type II, Class 1, Clear, .0004-.0010" (.4 - 1 mils). Water Seal Job: 22478		Rev: C PO: PO038921 Line: 17
6 ea	Part: RBW109-3101-58-1-7 Handle Anodize per MIL-A-8625F, Type II, Class 2, Blue, .0004-.0010" (.4 - 1 mils). Water Sealant Job: 22477		Rev: 3 PO: PO038921 Line: 19
6 ea	Part: RBW109-3101-58-2-7 Handle Anodize per MIL-A-8625F, Type II, Class 1, Clear, .0004-.0010" (.4 - 1 mils), Water Sealant Job: 22486		Rev: 3 PO: PO038921 Line: 26
8 ea	Part: RBW109-3101-58-2-7 Handle Anodize per MIL-A-8625F, Type II, Class 1, Clear, .0004-.0010" (.4 - 1 mils), Water Sealant Job: 22487		Rev: 3 PO: PO038921 Line: 27
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements.			
Made in Canada.			



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914607

Date: 09-Feb-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via
		OUR TRUCK
Quantity	Description	
	Date: <u>07/02/2018</u>	
	Certified Signature: <u>[Signature]</u>	
	Receiver Signature: _____	
A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.		
Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.		
Made in Canada.		